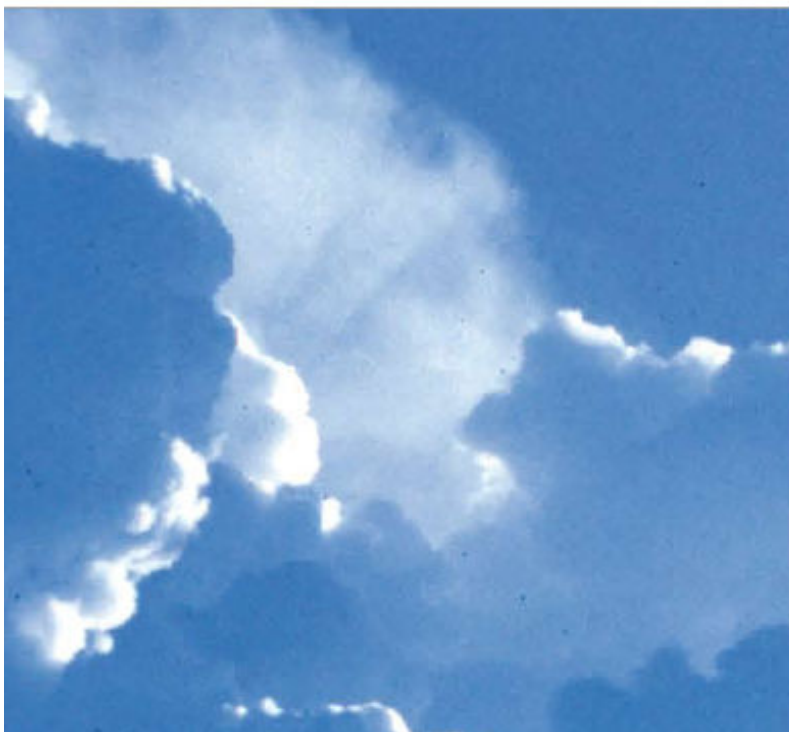


## THE BAUER B-TROX-PACKAGE

Safe Nitrox from professionals



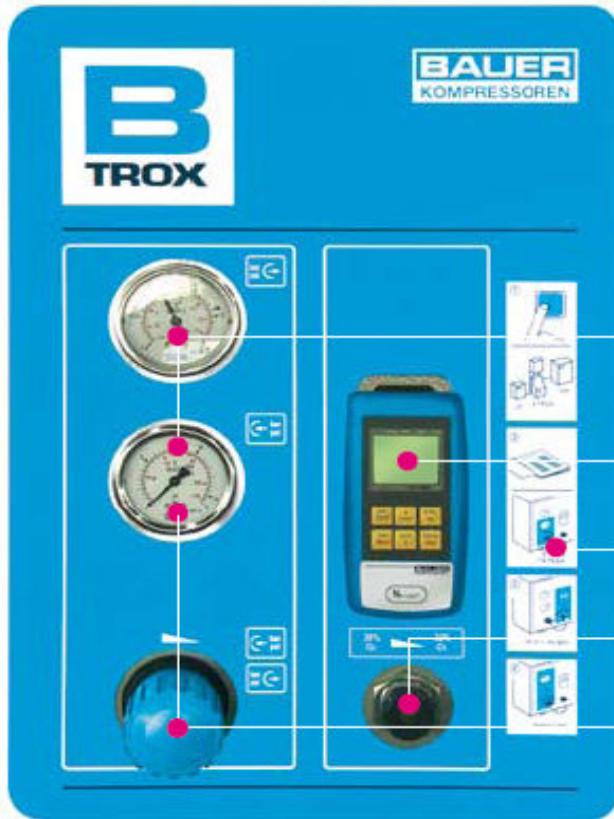
- › 260 – 450 l/min
- › Nitrox 32 -40 %
- › READY TO USE SYSTEM
- › THE ONLY WORLDWIDE TÜV-CERTIFIED SYSTEM



**When buying B-TROX you get a ready-to-use system for compressing Nitrox, which is so easy to use and perfectly safe; these are its most impressive features.**

When dealing with NITROX safety is undoubtedly the uppermost requirement! Safety of the employed technology: The turn-key BAUER B-TROX packages for the NITROX production of up to 40% oxygen content are the first worldwide with TÜV-approval and certified acc. to module G (DGRL-97/23/EG), individually tested and certified.

## SAFE AND SIMPLE OPERATION

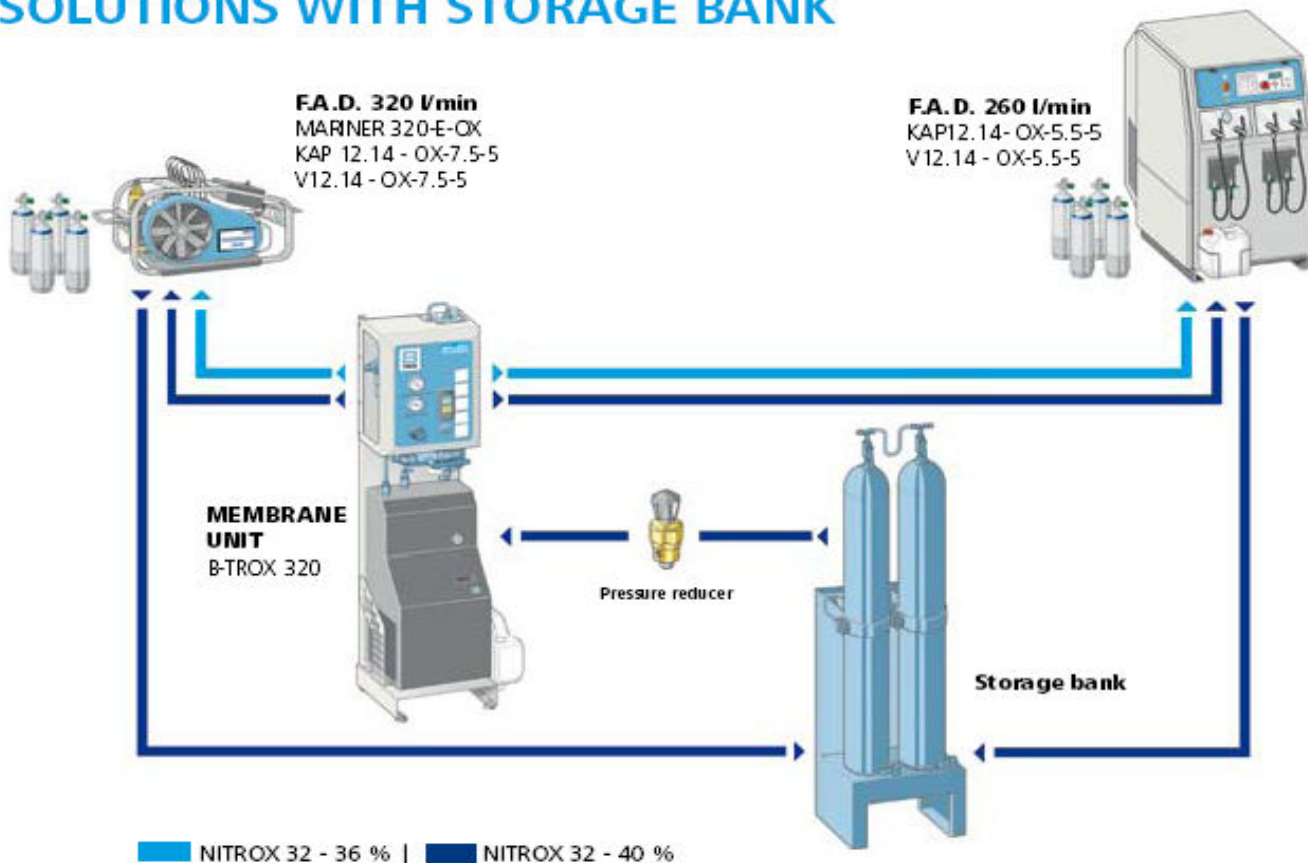


### 4 CENTRAL OPERAT. MANIFOLD

B-trox membrane unit's central control panel stands out due to its well arranged design and because it is easy to operate.

- Inlet and outlet pressure can be controlled at all times with the manometer.
- oxygen monitor permanently shows the oxygen content.
- Clear self-explanatory pictograms make it easy to operate.
- Oxygen content can be easily set with a hand wheel
- Pressure reducer for regulating admission pressure determines the quantity of delivered Nitrox.

## SOLUTIONS WITH STORAGE BANK



## THE B-TROX SYSTEM - COMBINATIONS

Screw compressor ▼	KAP 12.14-OX-5.5-5 V 12.14-OX-5.5-5	MARINER 320-E-OX KAP 12.14-OX-7.5-5 V 12.14-OX-7.5-5	MARINER 320-E-OX KAP 15.1-OX-11-5 V 15.1-OX-11-5
RS 9 kW	●	●	
RS 16 kW	○	●	
RS 23,5 kW	○	○	●
B100	●	●	○

■ NITROX 32 - 36 % | ■ NITROX 32 - 40 %

● recommended combination | ○ not recommended

## TECHNICAL DATA

Recommended storage bank size:			
for different NITROX concentrations: <sup>1)</sup>	32%	36%	40%
diving cylinders to be refuelled á 10 l	3	2	1
required no. of storage cylinders á 80 l <sup>2)</sup>	1	1	1

Nitrox high pressure compressor 4-stage / 260 - 450 l/min / TÜV-certified <sup>3)</sup>					Screw compressor		B-TROX membrane unit	
Model	F.A.D	R.P.M.	Drive	Filter system <sup>6)</sup> with SECURUS	Drive		Refrigerative dryer input	Membrane pressure
max. 330 bar <sup>4)</sup>	l/min <sup>5)</sup>	min <sup>-1</sup>	kW		kW ■	kW ■	kW	(bar app.)
MARINER 320 - E - OX	320	1450	7,5	P31	9	16	0,62	7
KAP 12.14 - OX - 5,5-5	260	1185	5,5	P61	9	16	0,62	7
KAP 12.14 - OX - 7,5-5	320	1450	7,5	P61	9	16	0,62	7
KAP 15.1 - OX - 11-5	450	1320	11	P61	16	23,5	0,75	8
V 12.14 - OX - 5,5-5	260	1185	5,5	P61	9	16	0,62	7
V 12.14 - OX - 7,5-5	320	1450	7,5	P61	9	16	0,62	7
V15.1 - OX - 11-5	450	1320	11	P61	16	23,5	0,75	8

■ NITROX 32 - 36 % | ■ NITROX 32 - 40 %

1) Example: F.A.D. 320 l/min,  
storage pressure PN 200

2) F.A.D. independent of ambient temperatures  
Warranty provided from 5°C up to 40°C

3) TÜV-certification only in combination  
with a B-TROX-membrane unit!

4) available with switch over device 330 / 225 bar  
or 225 bar/330 bar alternatively  
Nitrox 330 bar only in combination with  
storage bank and external filling panel

5) Cylinder filling from 0 to 200 bar

6) Pure breathing air acc. to DIN EN 12021  
incl. SECURUS filter monitoring